

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	969	15/323.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 11:36
S2	34	("20020011053"   "20020062632"   "20020088078"   "20020120998"   "20020124538"   "20030106182"   "20030106183"   "5078761"   "5125127"   "5135552"   "5351362"   "5500979"   "5960514"   "6058559"   "6350292"   "6572668"   "6662403"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 11:59
S3	40	("2570346"   "3310828"   "3509590"   "3637086"   "4393536"   "4443910"   "4467493"   "4545089"   "4573236"   "4679368"   "4697299"   "4789071"   "4835814"   "5054157"   "5287591"   "5715566"   "5836047"   "5842254"). PN. OR ("5125127"   "6058559").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 12:08
S4	40	S3 not S2	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 12:08
S5	954	S1 not (S2 S3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 12:20
S6	32	("2867833").URPN.	USPAT	OR	OFF	2007/11/12 13:23
S7	0	("2007/0226944").URPN.	USPAT	OR	OFF	2007/11/12 14:22
S8	9	("2850756").URPN.	USPAT	OR	OFF	2007/11/12 14:25
S9	505	15/328.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 14:26

S10	969	15/323.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 14:26
S11	34	("20020011053"   "20020062632"   "20020088078"   "20020120998"   "20020124538"   "20030106182"   "20030106183"   "5078761"   "5125127"   "5135552"   "5351362"   "5500979"   "5960514"   "6058559"   "6350292"   "6572668"   "6662403"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 14:26
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S13	478	S9 not (S6 S8 S10 S11 S12)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 14:26
S14	131	15/327.5.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 14:51
S15	95	S14 not (S6 S8 S10 S11 S12 S9)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 14:51
S16	11	("2959388").URPN.	USPAT	OR	OFF	2007/11/12 14:55
S17	50	15/336.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 15:02
S18	68	15/335.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 15:06

S19	18	("3310828"   "4393536"   "4443910"   "4573236"   "5054157"   "5287591"   "5715566"   "5836047"   "5842254").PN. OR ("6058559").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 15:20
S20	0	("2005/0138754").URPN.	USPAT	OR	OFF	2007/11/12 16:34
S21	9	("2850756").URPN.	USPAT	OR	OFF	2007/11/12 16:37
S22	12	("4129920"   "4393536"   "5054157"   "5715566").PN. OR ("5970575").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:39
S23	35	("2210950"   "2331692"   "3142857"   "3268942"   "3310828"   "4373228").PN. OR ("4393536").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:40
S24	66	("1997754"   "2456639"   "3039130"   "3220043"   "3286446"   "3310828"   "4190307"   "4393536"   "4443910"   "4458377"   "4571772"   "4573236"   "4660246"   "4670937"   "4761850"   "4766638"   "4809395"   "4845793"   "4905341"   "4959885"   "5054157"   "5168598"   "5287591"   "5715556"   "5715566"   "5735018"   "5794303"   "5836046"   "5836047"   "5842254"   "6058559"   "6094775"   "6098243"   "6151749"   "6295692").PN. OR ("5836047"   "6058559"   "6295692"   "6374453").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:46
S25	7	("20040163202"   "4955106"   "5836047"   "D316167"   "D381479"   "D399619"   "D480847").PN. OR ("D518255").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:48
S26	17	("D304104"   "D307657"   "D310438"   "D381479"   "D382682"   "D386843").PN. OR ("D399619").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:50

S27	26	("4635315"   "4665582"   "D237244"   "D280452"   "D288015"   "D290894"   "D298875").PN. OR ("D304104").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:50
S28	42	("1728021"   "1806177"   "2230077"   "2303409"   "2456639"   "2598499"   "D220970"   "D257661"   "D301649"   "D304104"   "D306225"   "D307656"   "D307657"   "D314846"   "D315622"   "D316921"   "D377697"   "D380022"   "D398096"   "D399618"   "D418266"   "D421671"   "D437666"   "D441152"   "D456964").PN. OR ("4635315"   "D483160"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:53
S29	5	("D399619"   "D510465"   "D516760"   "D518928"   "D521699").PN. OR ("D536848").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:57
S30	16	("2232548"   "2850756"   "2876479"   "4697299"   "4835814"   "5125127"   "5142731"   "6058558"   "6058559").PN. OR ("6615442").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:59
S31	11	("2121396"   "3357039"   "4688292"   "4697299"). PN. OR ("4835814"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 16:59
S32	14	("3950814"   "5054157"   "5309600"   "5524321"   "5709007"   "5819364"). PN. OR ("6094775"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 17:02
S33	7	("20040163202"   "4955106"   "5836047"   "D316167"   "D381479"   "D399619"   "D480847"). PN. OR ("D518255"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 17:18
S34	127	15/329.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 17:20

S35	184	15/327.6.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 18:07
S36	269	15/327.7.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 18:07
S37	6	S35 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 18:07
S38	32	("2867833").URPN.	USPAT	OR	OFF	2007/11/12 18:57
S39	9	("2850756").URPN.	USPAT	OR	OFF	2007/11/12 18:57
S40	505	15/328.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 18:57
S41	969	15/323.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 18:57
S42	34	("20020011053"   "20020062632"   "20020088078"   "20020120998"   "20020124538"   "20030106182"   "20030106183"   "5078761"   "5125127"   "5135552"   "5351362"   "5500979"   "5960514"   "6058559"   "6350292"   "6572668"   "6662403"). PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 18:57
S43	40	("2570346"   "3310828"   "3509590"   "3637086"   "4393536"   "4443910"   "4467493"   "4545089"   "4573236"   "4679368"   "4697299"   "4789071"   "4835814"   "5054157"   "5287591"   "5715566"   "5836047"   "5842254"). PN. OR ("5125127"   "6058559").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 18:57

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S45	95	S44 not (S38 S39 S41 S42 S43 S40)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 18:57
S46	66	("1997754"   "2456639"   "3039130"   "3220043"   "3286446"   "3310828"   "4190307"   "4393536"   "4443910"   "4458377"   "4571772"   "4573236"   "4660246"   "4670937"   "4761850"   "4766638"   "4809395"   "4845793"   "4905341"   "4959885"   "5054157"   "5168598"   "5287591"   "5715556"   "5715566"   "5735018"   "5794303"   "5836046"   "5836047"   "5842254"   "6058559"   "6094775"   "6098243"   "6151749"   "6295692").PN. OR ("5836047"   "6058559"   "6295692"   "6374453"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 18:57
S47	42	("1728021"   "1806177"   "2230077"   "2303409"   "2456639"   "2598499"   "D220970"   "D257661"   "D301649"   "D304104"   "D306225"   "D307656"   "D307657"   "D314846"   "D315622"   "D316921"   "D377697"   "D380022"   "D398096"   "D399618"   "D418266"   "D421671"   "D437666"   "D441152"   "D456964").PN. OR ("4635315"   "D483160"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 18:57
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S49	223	S48 not (S38 S39 S41 S42 S43 S40 S45 S46 S47)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 18:57

S50	55	((elsworthy proud ivarsson).in.) and ("15". clas.) ((vacuum suction). ti.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 19:11
S51	1	10/537481.app.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 22:16
S52	2	"4571772".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 22:37
S53	16	("2649606"   "2825087"   "3872538"   "4697299"   "4845793"   "5071012"   "5233722"   "5826299"). PN. OR ("6058558"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 22:57
S54	37	((stratford).in.) and ("15". clas.) ((vacuum suction). ti.))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 23:02
S55	8	"3013969"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/11/12 23:04
S56	17	("D304104"   "D307657"   "D310438"   "D381479"   "D382682"   "D386843"). PN. OR ("D399619"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/12 23:18
S57	11	("2121396"   "3357039"   "4688292"   "4697299"). PN. OR ("4835814"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/11/13 08:51

12/ 3/ 08 11:00:19 AM

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